

DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS
(805) 937-7246

REPORT ON OPERATIONS

Virginia M. Lazar, Agent
Petrominerals Corp.
2472 Chambers Road, #230
Tustin, CA 92680

Santa Maria, California
November 10, 1992

Your operations at well "Magenheimer" 9 API No. 083-00603,
Sec. 8, T. 8N, R. 32W, SBB. & M. Cat Canyon Field, in Santa Barbara County
were witnessed on 11-3-92. J. R. Carnahan, representative of the
supervisor, was present from 1330 to 1600. There were also
present Bob Ullerich - Logging Technician.

Present condition of well: See Report on Operations No. T387-147, dated June
30, 1987.

The operations were performed for the purpose of demonstrating that all of
the injection fluid is confined to the intended zone.

DECISION: THE INJECTION SURVEY IS APPROVED SINCE IT INDICATES THAT ALL OF THE
INJECTION FLUID IS CONFINED TO THE FORMATIONS BELOW 3027 FEET AT
THIS TIME.

JRC:ks

William F. Guerard, Jr.,
Acting State Oil and Gas Supervisor

By William E. Brannon
Deputy Supervisor

No. T 392-420

INJECTION (M.I.T.) SURVEY

Operator: Petrominerals Corp. Well Designation: "Mazinheimer" 9
Sec. 8 T. 8N R. 32W SB B.&M. A.P.I. No.: 083-00603 Field: Cat Canyon
County: Santa Barbara Witnessed on (date): 11-3-92 J.R. Carnahan
representative of the Supervisor, was present from 1330 to 1600
Also present: Bob Ullerich, Logging Technician

Casing record of well: (15) ~ 87-147 ~ June 30, 1987.

The injection survey was performed for the purpose of (6)

☒ The injection survey is approved since it indicates that all of the injection fluid is confined to the formations below
3027 feet at this time

☐ The injection survey is not approved due to the following reasons: (specify)

Note:

65
(2)

M.I.T. DATA SHEET

Well: "Magenheimer" 2 Date: 11-3-92 Time: 1530-1600
 Observed Rate: 2050 ± B/D Meter Rate: Not Available B/D
 Injection Pressure: 850 psi MASP: psi Pick-up Depth: 4142' feet
 Initial Annulus Pressure: 0 psi Pressure After Bleed-off: 0 psi
 Casing Vented During Test (Y/N): Y TO: 4199'

SPINNER COUNTS

Temp: 101°

DEPTH	COUNTS	RATE (B/D)	DEPTH	COUNTS	RATE (B/D)	COMMENTS:
<u>100'</u>	<u>102 Hz</u>	<u>2077</u>				
<u>2900'</u>	<u>106 Hz</u>	<u>2043</u>				

R. A. T. CASING RATE CHECKS

INTERVAL	TIME (sec.)	RATE (B/D)	COMMENTS:
<u>3000'</u>	<u>(5')</u> <u>18</u>	<u>1879</u>	

R. A. T. TUBING RATE CHECKS

INTERVAL	TIME (sec.)	RATE (B/D)	COMMENTS:
<u>2930-2980</u>	<u>18</u>	<u>2023</u>	

Background Log: From 3050' to 3800' Comments: OK

TOP PERFORATION CHECK

Top perforation at: 3014' Wait at: 2980' for 30 seconds Beads: (Y/N) N
 89% Casing shoe at: 3027' WSO holes/CP at:

Log <u>DN</u>	from <u>2980'</u>	to <u>3075'</u>	slug at <u>3018'</u>	↓	COMMENTS:
Log <u>UP</u>	from <u>3075'</u>	to <u>2900'</u>	slug at <u>3021'</u>	↓	
Log <u>UP</u>	from <u>3150'</u>	to <u>2900' ±</u>	slug at <u>3109'</u>	↓	<u>Top Pkg = OK</u>
Log <u>UP</u>	from <u>3100'</u>	to <u>2900'</u>	slug at <u>3000'</u>	↓	

PACKER CHECK

Packer at: 2989' Wait at: for seconds
 Tubing tail at: 2989' Tubing size: 3 1/2" 2nd packer at: Mandrel:

Log <u>As Above</u>	from <u> </u>	to <u> </u>	slug at <u> </u>	↓	COMMENTS:
Log <u> </u>	from <u> </u>	to <u> </u>	slug at <u> </u>	↓	
Log <u> </u>	from <u> </u>	to <u> </u>	slug at <u> </u>	↓	<u>PKT = OK</u>
Log <u> </u>	from <u> </u>	to <u> </u>	slug at <u> </u>	↓	

Survey Company: Production Logging Services, Inc. Wireline Technician: Bob Millerich & Arnold Avalos

Remarks:

DIVISION OF OIL AND GAS

(805) 937-7246

REPORT ON OPERATIONS

Virginia M. Lazar, Agent

Petrominerals Corp.

2472 Chambers Road, #230

Tustin, CA 92680

Santa Maria, California

November 7, 1991

Your operations at well "Magenheimer" 9 API No. 083-03603
Sec. 8, T. 8N, R. 32W, SB B.&M. Cat Canyon Field, in Santa Barbara
County were witnessed on 9-4-91. P. Truocchio, representative
of the supervisor, was present from 1100 to 1101. There were also
present _____.

Present condition of well: See Report on Operations No. T387-147, dated June 30, 1987.

The operations were performed for the purpose of demonstrating that the injection zone pressure in the vicinity of the well is below hydrostatic.

DECISION: THE OPERATIONS ARE APPROVED AS INDICATING THAT THE INJECTION ZONE PRESSURE IS BELOW HYDROSTATIC IN THE IMMEDIATE VICINITY OF THE WELL.

PAT:mjn

M.G. MEFFERD, State Oil and Gas Supervisor

By William E. Blannon
Deputy Supervisor

Time	(1991) Date	Pressure	Engineer
0859	8/30	835	RB
0900	"	800	RB
0901	"	790	RB
0905	"	778	RB
0910	"	755	RB
1100	9/4	Ø	PT

"Magenheimer" 9

Disc

Days

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS
(805) 937-7246

No. T 391-15

REPORT ON OPERATIONS

Virginia M. Lazar, Agent
Petrominerals Corp.
2472 Chambers Road, Suite 230
Tustin, CA 92680

Santa Maria, California
January 18, 1991

Your operations at well "Magenheimer" 9 API No. 083-00603,
Sec. 8, T. 8N, R. 32W, SB B. & M. Cat Canyon Field, in Santa Barbara
County were witnessed on 1-17-91. P. Truocchio, representative
of the supervisor, was present from 0900 to 1030. There were also
present J. Domingues.

Present condition of well: See Report on Operations No. T387-147, dated
June 30, 1987.

The operations were performed for the purpose of pressure testing the
8-5/8" casing.

DECISION: THE OPERATIONS ARE APPROVED AS INDICATING THAT THE INTEGRITY
OF THE 8-5/8" CASING IS SATISFACTORY AT THIS TIME.

PAT:ks

M.G. MEFFERD, State Oil and Gas Supervisor

By William E Branna
Deputy Supervisor

DIVISION OF OIL AND GAS

Report on Operations

No. T.

391-15^{al}

Agent
S Petrominerals Corp.

SM Calif.

Your operations at well "Magenheimer" 9, API No. 083-00603,
Sec. 8, T. 8N, R. 32W, SB B. & M. Cat Canyon Field, in Santa Barbara County,
were witnessed on 1-17-91 by P. Trucchio, representative of
the supervisor, was present from 0900 to 1030. There were also present J. Dominguez

Present condition of well: (15) — 87 — 147 — June 30 — 87.

The operations were performed for the purpose of (10) — 8% —

DECISION:

[D10] — 8% —

Do Not Type

Pressured up to 340 psig and held for 30 mins

Casing valve open @ 0 psig prior to test. Fluid not to eff

^{tbgs/csg} in annulus. Injecting @ 735 psig during test

By

WD

(2)

DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS
5075 S. BRADLEY ROAD, SUITE 221
SANTA MARIA, CALIFORNIA 93455
(805) 937-7246



January 2, 1991

Virginia M. Lazar, Agent
Petrominerals Corp.
2472 Chambers Road, Suite 230
Tustin, CA 92680

Re: Injection Project Review

Dear Ms. Lazar:

On June 21, 1990, A. Koller of this office met with Greg Wagner representing Petrominerals Corp. to review your water disposal project in Cat Canyon field. During the project review, a casing pressure test was requested to be run on well "Magenheimer" 9 and a current injection water analysis was requested to complete or update Division files. To date, we have not received the previously requested material or records that a casing pressure test was conducted on "Magenheimer" 9.

Please give this matter your immediate attention, and if you have any questions, please call Al Koller at (805) 937-7246.

Yours truly,


William E. Brannon
Deputy Supervisor

AJK:ks

cc: Project Folder

DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS5075 S. BRADLEY ROAD, SUITE 221
SANTA MARIA, CALIFORNIA 93456
(805) 937-7246

November 15, 1990

Sharon Sandberg, Agent
Petrominerals Corp.
2472 Chambers Rd, #230
Tustin, CA 92680Re: Injection Profile Survey
Well "Magenheimer" 9

Dear Ms. Sandberg:

According to our records, a radioactive tracer survey was conducted on the above-captioned well on September 26, 1990. To date, we have not received a copy of said survey. Please give this matter your immediate attention.

Yours truly,

Adelbert J. Koller
Associate Oil & Gas Engineer
for District Deputy

AJK:ks

cc: Well File

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS
(805) 937-7246

No. T 390-182

REPORT ON OPERATIONS

Sharon Sandberg, Agent
Petrominerals Corp.
2472 Chambers Road, #230
Tustin, CA 92680

Santa Maria, California
July 3, 1990

Your operations at well "Magenheimer" 9 API No. 083-00603, Sec. 8, T. 8N, R. 32W, SB B.&M. Cat Canyon Field, in Santa Barbara County were witnessed on 7-2-90. R. Brunetti, representative of the supervisor, was present from 0850 to 0900. There were also present J. Dominguez, lease operator.

Present condition of well: See Report on Operations No. T387-147, dated June 30, 1987.

The operations were performed for the purpose of demonstrating that the injection zone pressure in the vicinity of the well is below hydrostatic.

DECISION: THE OPERATIONS ARE APPROVED AS INDICATING THAT THE INJECTION ZONE PRESSURE IS BELOW HYDROSTATIC IN THE AREA OF THE PROJECT.

RB:mjn

M.G. MEFFERD, State Oil and Gas Supervisor

By 742030 [signature]
Deputy Supervisor

Petroniinals "Magenheimer" 9

6/26/90 AB # Joe Dominguez (pumper)

@ 0956 well standing @ 510 psi. closed valve
on injection line @ wellhead and line valve @ meter
(meter 7861.5)

6/27 205# 1255

6/28 101# 1034

7/2 0 0850

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS
(805) 925-2686

No. T 389-54

REPORT ON OPERATIONS

Sharon Sandberg, Agent
Petrominerals Corp.
12362 Beach Blvd., Suite 9
Stanton, CA 90680

Santa Maria, California
March 13, 1989

Your operations at well "Magenheimer" 9 API No. 083-00603,
Sec. 8, T. 8N, R. 32W, SB B.&M. Cat Canyon Field, in Santa Barbara
County were witnessed on 3-6-89. T. Kustic, representative
of the supervisor, was present from 0930 to 0935. There were also
present J. Dominguez - Foreman.

Present condition of well: See Report on Operations T387-147, dated June
30, 1987.

The operations were performed for the purpose of demonstrating that the
injection zone pressure in the vicinity of the well is below hydrostatic.

DECISION: THE OPERATIONS ARE APPROVED AS INDICATING THAT THE INJECTION
ZONE PRESSURE IS BELOW HYDROSTATIC IN THE AREA OF THE PROJECT.

TRK:ks

M.G. MEFFERD, State Oil and Gas Supervisor

By Hal Bogg
Deputy Supervisor

DIVISION OF OIL AND GAS
WATER SHUTOFF TEST

No. T 389-54

Operator Petroleum Corp.
 Designation "Magerhauser" 9 Sec. 8, T. 8N, R. 32W, S. 1 B. & M.
 Field Cat Canyon, County Santa Barbara was tested for water
 shutoff on 3/4/87. (Name) Tim Hurd, representative of the supervisor, was
 present from 0930 to 0935. Also present were J. Dominguez, Foreman.

Casing record of well:

(15) - T 387-147 - 6/30/87

The operations were performed for the purpose of (7) -

- ☐ The _____" shutoff at _____' is approved.
☐ The seal between the _____" and _____" casings is approved.
☐ The operations are approved as indicating that all of the injection fluid is confined to
 the formations below _____' at this time.

(0.7) - (a) -

Hole size: _____" fr. _____' to _____'; _____" to _____'; & _____" to _____'

Casing				Cemented			Top of Fill		Sqd. Away	Final Press	Test psi/min. Perfs.
Size	Wt.	Top	Bottom	Date	MO-Depth	Volume	Annulus	Casing			

Depth or interval tested _____

The hole was open to _____' for test.

FORMATION TEST:

Packer(s) _____' & _____' Tail _____' Bean size _____" Cushion _____
 IHP _____ IFP _____ FFP _____ FHP _____
 Blow _____
 Open for test _____ Hr. _____ min. Fluid entry _____

BAILING TEST:

The hole fluid was bailed to _____', at _____ on _____ 19____.
 The hole fluid was found at _____', at _____ on _____ 19____.
(time)

PRODUCTION TEST:

Gauge/meter reading _____ on _____ 19____, at _____ pump depth _____' Engr. _____
 Gauge/meter reading _____ on _____ 19____, at _____ Engr. _____
 Fluid level _____' surveyed on _____ 19____, reviewed (witnessed) by _____
 Total fluid produced, Bbls. _____ Net oil _____ Water _____
 Rate: _____ B/D oil, _____ B/D water, _____ % water cut

ACTION SURVEY:

RA/Spinner/Temperature survey run at _____ B/D & _____ psi on _____ 19____,
 fluid confined below _____' (Packer depth _____')

(See Attached)

Magedhewer 9

3/2/89 0845 get stuck in mud
0903 490 #
0912 Shut down pump
0918 Shut valve on injection line
1022 470 #

3/3/89 1520 205 #

3/6/89 ~0930 ① psi OK to turn on!

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS
(805) 925-2686

No. T 388-228

REPORT ON OPERATIONS

Sharon Sandberg, Agent Agent
Petrominerals Corp.y
12362 Beach Blvd., Suite 9
Stanton, CA 90680

Santa Maria, California
August 19, 1988

Your operations at well "Magenheimer" 9 API No. 083-00603,
Sec. 8, T. 8N, R. 32W, SB B.&M. Cat Canyon Field, in Santa Barbara
County were witnessed on 8-17-88. R. Brunetti, representative
of the supervisor, was present from 1330 to 1500. There were also
present R. Muniozguren, Wireline Technician & J. Dominguez, Lease
Operator.

Present condition of well: See Report on Operations No. T387-147, dated
June 30, 1987.

The operations were performed for the purpose of demonstrating that all
of the injection fluid is confined to the intended zone.

DECISION: THE OPERATIONS ARE APPROVED AS INDICATING THAT ALL OF THE
INJECTION FLUID IS CONFINED TO THE FORMATIONS BELOW 3027' AT THIS TIME.

RB:mjn

M.G. MEFFERD, State Oil and Gas Supervisor

By M. G. Mefferd
Deputy Supervisor

R/A

DIVISION OF OIL & GAS
MECHANICAL INTEGRITY TEST

No. T 388-228

Operator Petrominerals Corp. Well "Magenheimer" 9
 Sec. 8 T. 8N R. 32W, SB B.&M. Field Cat Canyon
 County Santa Barbara Date of test 8/17/88

R. Bronetti was present from 1330 to 1500

Also present were R. Muniozguren, Wireline Engineer; J. Dominguez, Lease Operator

Casing record (15) — T 387-146 — June 30, 1987

The operations were performed for the purpose of demonstrating that all of the injection fluid is confined to the intended zone

DECISION: The operations are ~~not~~ approved as indicating that all of the injection fluid is confined to the formations below 3027 at this time.

NOTES: ~~(15)~~

don't type:

Packer/tbg tail 29187 Shoe/top perf 3027 Other WSO pnt/2999
 Survey rate reported/observed 1991 Tbg press 750
 Annulus pressure/vented/blow open
 Computer file ☒ Card file ☒

Temp log Fr. 2750' - 100° - no break - P.V. @ 4157' - 104°

Y OG Log 3050 - 2950 - noisy as tool goes thru packer

Tbg rate 2800' - 2900' 1991 B/D

wait 120 sec @ 2900', log down to 3050' on background;

Tbg rate 500-600 1991 B/D Log up to 2950, on background (same noise @ pkr)

Depth	rate	B/D
4150	224	
3950	1344	
3850	✓	
3750	2016	
3650	✓	
3550	✓	
3450	✓	
3350	✓	
3250	✓	
3150	✓	
3050	✓	

(OK)

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS
(805) 925-2686

No. T 387-146

REPORT ON OPERATIONS

Timothy R. McPherson, Agent
Petrominerals Corp.
12362 Beach Blvd., Suite 9
Stanton, CA 90690

Santa Maria, California
June 30, 1987

Your operations at well "Magenheimer" 9 API No. 083-00603, Sec. 8, T. 8N, R. 32W, S.B.B.&M. Cat Canyon Field, in Santa Barbara County were witnessed on 6-18-87. R. Brunetti, representative of the supervisor, was present from 0900 to 1130. There were also present D. Livingston, Production Foreman; M. Feldt, Wireline Technician.

Present condition of well: 8-5/8" cem. 3027', perf. 2999' WS0; 6-5/8" ld. 3014'-4199', perfs. 3014-4199'. T.D. 4203'.

The operations were performed for the purpose of demonstrating that all of the injection fluid is confined to the intended zone.

DECISION: THE OPERATIONS ARE APPROVED AS INDICATING THAT ALL OF THE INJECTION FLUID IS CONFINED TO THE FORMATIONS BELOW 3027' AT THIS TIME.

RB:mjn

M.G. MEFFERD, State Oil and Gas Supervisor

By K.P. Henderson
Deputy Supervisor *cm*

MAGEN 9

a

RA/Tracer

DIVISION OF OIL & GAS
MECHANICAL INTEGRITY TEST

No. T 387-146

Operator Petrominerals Corp. Well "Magenheimer" 9
 Sec. 8 T. 8N R. 32W, SB B.&M. Field Cat Canyon
 County Santa Barbara Date of test 6/14/87

R. Brunetti

was present from 0900 to 1130Also present were D. Livingston, Production Foreman; M. Foldt, Wireline Technician

Casing record 8 5/8" am. 3027, perf. 2999' WSO; 6 5/8" ld. 3014'-4199'
perf. 3014'-4199', T.D. 4203'

The operations were performed for the purpose of demonstrating that all of the injection fluid is confined to the intended zone

The operations (are) yes approved as indicating that all of the injection fluid is confined to the formations below 3027 at this time.

(don't type)

Packer/tbg tail 2976 Shoe/top perf 3027 Other WSO perf 2999
 Survey rate reported/observed 1707 Tbg press 950
 Annulus pressure/vented/blow open

Temp log down Fr 2900' - 95° - Pickup @ 4159' - 100°
 no temp break.

TBG 3050' - 2900' no special Features

③ 3000', slug out, waited 120 sec For shoe check
 no tracer returns. Log down to 3050; tracer (faint) below
 shoe; log up to 2950; tracer below 3045' (ok)

② 2900', slug out, waited 120 sec For pkr check
 no returns of tracer; log down to 3050, saw no tracer;
 log up to 2900', no tracer (ok)

See over For profile

tbg rates 2850-2900 1707 B/D

200'-250' 1780 B/D

Tbg (ok)

4140'	39 B/D
4100	275
4050	449
4000	611
3950	815
3900	1101
3850	1295
3800	1468
3750	1376
3700	2000
3650	2202
3600	1835
3550	1533
3500	1694
3450	1233
3400	1468
3350	1573
3300	2001
3250	1159
3200	1223
3150	1295
3100	1295
3050	1376
3020	1295

DIVISION OF OIL AND GAS
(805) 925-2686
Report on Operations

Timothy R. McPherson, Agent
Petrominerals Corp.
12362 Beach Blvd., Suite 9
Stanton, CA 90680

Santa Maria Calif.
April 28, 1987

Your operations at well "Magenheimer" 9, API No. 083-00603,
Sec. 8, T.8N, R. 32W S.B. B. & M. Cat Canyon Field, in Santa Barbara County,
were witnessed on 3-30-87 to 4-3-87 by S. Christen, representative of
the supervisor, ~~was present from~~ to ~~there were no operations~~

Present condition of well: 8-5/8" cem. 3027', perf. 2999' W.S.O.; 6-5/8" ld. 3014'-4199',
perfs. 3014'-4199'. T.D. 4203'.

The operations were performed for the purpose of demonstrating that the injection zone pressure
in the vicinity of the well is below hydrostatic.

DECISION: THE OPERATIONS ARE APPROVED AS INDICATING THAT THE INJECTION ZONE PRESSURE
IS BELOW HYDROSTATIC IN THE IMMEDIATE VICINITY OF THE WELLBORE BEYOND THE
RADIUS OF SKIN EFFECT.

SIC:ks

M. G. MEFFERD

By

K. P. Henderson

K. P. Henderson

DIVISION OF OIL AND GAS

RA WATER SHUTOFF TEST

No. T

387-93

Operator TETROMINERALS COZP.Well designation "MAGENHEIMER" 9 Sec. 8, T. 8N, R. 32W, SB B. & M.Field CAT (ANYON) by 1, County SANTA BARBARA was tested for water shutoff on 3-30 TO 4-30 (Name) ST. CHRISTEN, representative of the supervisor, was present from 1 to 1. Also present were T HCasing record of well: 8 5/8" com. 3027', PERC. 2999' W.S.O.; 6 5/8" ID. 3014'-4199'
PERCS. 3014'-4199', T.D. 4203'.The operations were performed for the purpose of DEMONSTRATING THAT THE INJECTION ZONE PRESSURE IN THE VICINITY OF THE WELL IS BELOW HYDROSTATIC.☐ The _____" shutoff at _____' is approved.☐ The seal between the _____" and _____" casings is approved.☒ The operations are approved as indicating that all of the injection fluid is confined to the formations below ~~hydrostatic~~ at this time. ZONE PRESSURE ISBELOW HYDROSTATIC IN THE IMMEDIATE VICINITY OF THE WELLBORE BEYOND THE RADIUS OF SKIN EFFECT.

Hole size: _____" fr. _____' to _____'; _____" to _____'; & _____" to _____'

Casing				Cemented			Top of Fill		Sqd. Away	Final Press	Test psi/min. Perfs.
Size	Wt.	Top	Bottom	Date	MO-Depth	Volume	Annulus	Casing			

Depth or interval tested _____

The hole was open to _____' for test.

FORMATION TEST:

Packer(s) _____' & _____' Tail _____' Bean size _____" Cushion _____

IHP _____ IFP _____ FFP _____ FHP _____

Blow _____

Open for test _____ Hr. _____ min. Fluid entry _____

BAILING TEST:

The hole fluid was bailed to _____', at _____ on _____ 19__.

The hole fluid was found at _____', at _____ on _____ 19__.

(time)

PRODUCTION TEST:

Gauge/meter reading _____ on _____ 19__, at _____ pump depth _____' Engr. _____

Gauge/meter reading _____ on _____ 19__, at _____ Engr. _____

Fluid level _____' surveyed on _____ 19__, reviewed (witnessed) by _____

Total fluid produced, Bbls. _____ Net oil _____ Water _____

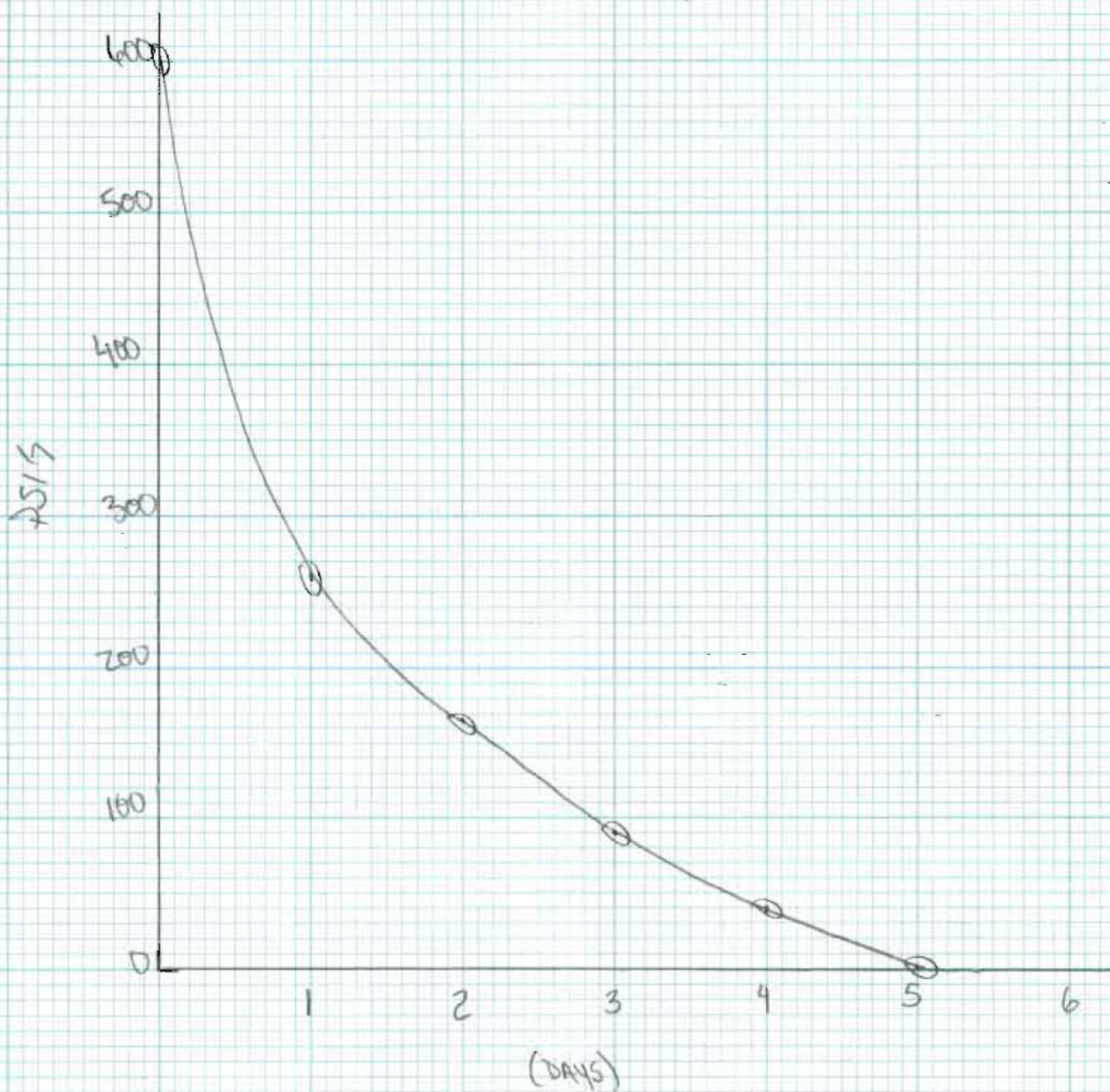
Rate: _____ B/D oil, _____ B/D water, _____ % water cut

INJECTION SURVEY:

RA/Spinner/Temperature survey run at _____ B/D & _____ psi on _____ 19__,

fluid confined below _____' (Packer depth _____')

PETROMINERALS
"MAGEHEIMETZ" 9
PFO 3/30 - 4/3/87



DIVISION OF OIL AND GAS
CHECK LIST - RECORDS RECEIVED AND WELL STATUS

Company Petominerals Corp. Well No. "Magenheimer" 9
API No. 083-00603 Sec. 8, T. BN, R. 32W, S.B. B.6M.
County Santa Barbara Field Cat Canyon

<u>RECORDS RECEIVED</u>	<u>DATE</u>
Well Summary (Form OGI00)	
History (Form OGI03)	<u>No records required</u>
Core Record (Form OGI01)	
Directional Survey	
Sidewall Samples	
Other	
Date final records received	
Electric logs:	

<u>STATUS</u>	<u>STATUS</u>
Producing - Oil	Water Disposal <input checked="" type="checkbox"/>
Idle - Oil	Waterflood
Abandoned - Oil	Steamflood
Drilling - Idle	Fire Flood
Abandoned - Dry Hole	Air Injection
Producing - Gas	Gas Injection
Idle - Gas	CO2 Injection
Abandoned - Gas	LPG Injection
Gas-Open to Oil Zone	Observation
Gas Storage	Waterflood Source
DATE	"E" well Yes <input type="checkbox"/> No <input type="checkbox"/>
RECOMPLETED	
REMARKS	

ENGINEER'S CHECK LIST

- Summary, History, & Core record (dupl.) NOT NEEDED
- Electric Log NOISE RUN
- Operator's Name ✓
- Signature ✓
- Well Designation ✓
- Location N/C
- Elevation N/C
- Notices ✓
- "T" Reports ✓
- Casing Record ✓
- Plugs
- Surface Inspection
- Production
- E Well on Prod., enter EDP
- Directional Survey

CLERICAL CHECK LIST

- Location change (F-OGD165)
- Elevation change (F-OGD165)
- Form OGD121
- Form OGI59 (Final Letter)
- Form OGD150b (Release of Bond)
- Duplicate logs to archives
- Notice of Records due (F-OGD170)
- EDP (F-OGD42A-1, 2)

Permission to inject was rescinded due to failure to run required injection survey. Notice was to reinstate well to injection after required survey was run.

RECORDS NOT APPROVED

Reason: _____

RECORDS APPROVED 9/29/86 REC

RELEASE BOND

Date Eligible _____

(Use date last needed records were received.)

MAP AND MAP BOOK N/C

DIVISION OF OIL AND GAS
(805) 925-2686
Report on Operations

Richard C. Russell, Agent

Petrominerals Corp.

P.O. Box 65

Stanton, CA 90680

Santa Maria

Calif.

June 17, 1986

Your operations at well "Magenheimer" 9, API No. 083-00603
Sec. 8, T.8N, R. 32W, S.B. B. & M. Cat Canyon Field, in Santa Barbara County,
were witnessed on 6-10 to 6-18-86 by S.I. Christen, representative of
the supervisor, ~~was present from~~ XXXXXXX ~~XXXXXXX XX. There were also present Dave Livingston -
Company Representative~~

Present condition of well: 8-5/8" cem. 3027', perf. 2999' W.S.O.; 6-5/8" ld. 3014'-4199',
perfs. 3014'-4199'. T.D. 4203'.

The operations were performed for the purpose of demonstrating that the injection zone pressure
in the vicinity of the well is below hydrostatic.

DECISION: THE OPERATIONS ARE APPROVED AS INDICATING THAT THE INJECTION ZONE PRESSURE
IS BELOW HYDROSTATIC IN THE GENERAL AREA OF THE PROJECT AND IN THE IMMEDIATE
VICINITY OF THE WELLBORE BEYOND THE RADIUS OF SKIN EFFECT.

SC:ks

M. G. MEFFERD

K.P. Henderson

K. P. Henderson

Operator PETROMINERALS Corp.Well designation "MARTINEZ" 9 Sec. 8, T. 8N, R. 32W, SB B.&M.Field CAT CANYON, County SANTA BARBARA was tested for water
shutoff on 6/10/86 to 6/16/86 (Name) S. I. CHRISTEN, representative of the supervisor was
present from _____ to _____. Also present were DAVE LIVINGSTON,
COMPANY REP.Casing record of well: 8 5/8" CEN. 3027', PERFS. 2999' W.S.O.; 6 5/8" B. 3014'-4199',
PERFS. 3014'-4199', T.D. 4203'.The operations were performed for the purpose of DEMONSTRATING THAT THE INJECTION ZONE
PRESSURE IN THE VICINITY OF THE WELL IS BELOW HYDROSTATIC.☐ The _____" shutoff at _____' is approved.☐ The seal between the _____" and _____" casings is approved.☐ The operations are approved as indicating that all of the injection fluid is confined to
the formations below _____ at this time. *zone pressure is below hydrostatic in the general area of the*

Hole size: _____" fr. _____' to _____'; _____" to _____'; & _____" to _____'

Casing				Cemented			Top of Fill		Sqd. Away	Final Press	Test psi/min. Perfs.
Size	Wt.	Top	Bottom	Date	MO-Depth	Volume	Annulus	Casing			

Depth or interval tested _____

The hole was open to _____' for test.

FORMATION TEST:

Packer(s) _____' & _____' Tail _____' Bean size _____" Cushion _____

IHP _____ IFP _____ FFP _____ FHP _____

Blow _____

Open for test _____ Hr. _____ min. Fluid entry _____

BAILING TEST:

The hole fluid was bailed to _____', at _____ on _____ 19__.

The hole fluid was found at _____', at _____ on _____ 19__.

(time)

PRODUCTION TEST:

Gauge/meter reading _____ on _____ 19__, at _____ pump depth _____' Engr. _____

Gauge/meter reading _____ on _____ 19__, at _____ Engr. _____

Fluid level _____' surveyed on _____ 19__, reviewed (witnessed) by _____

Total fluid produced, Bbls. _____ Net oil _____ Water _____

Rate: _____ B/D oil, _____ B/D water, _____ % water cut

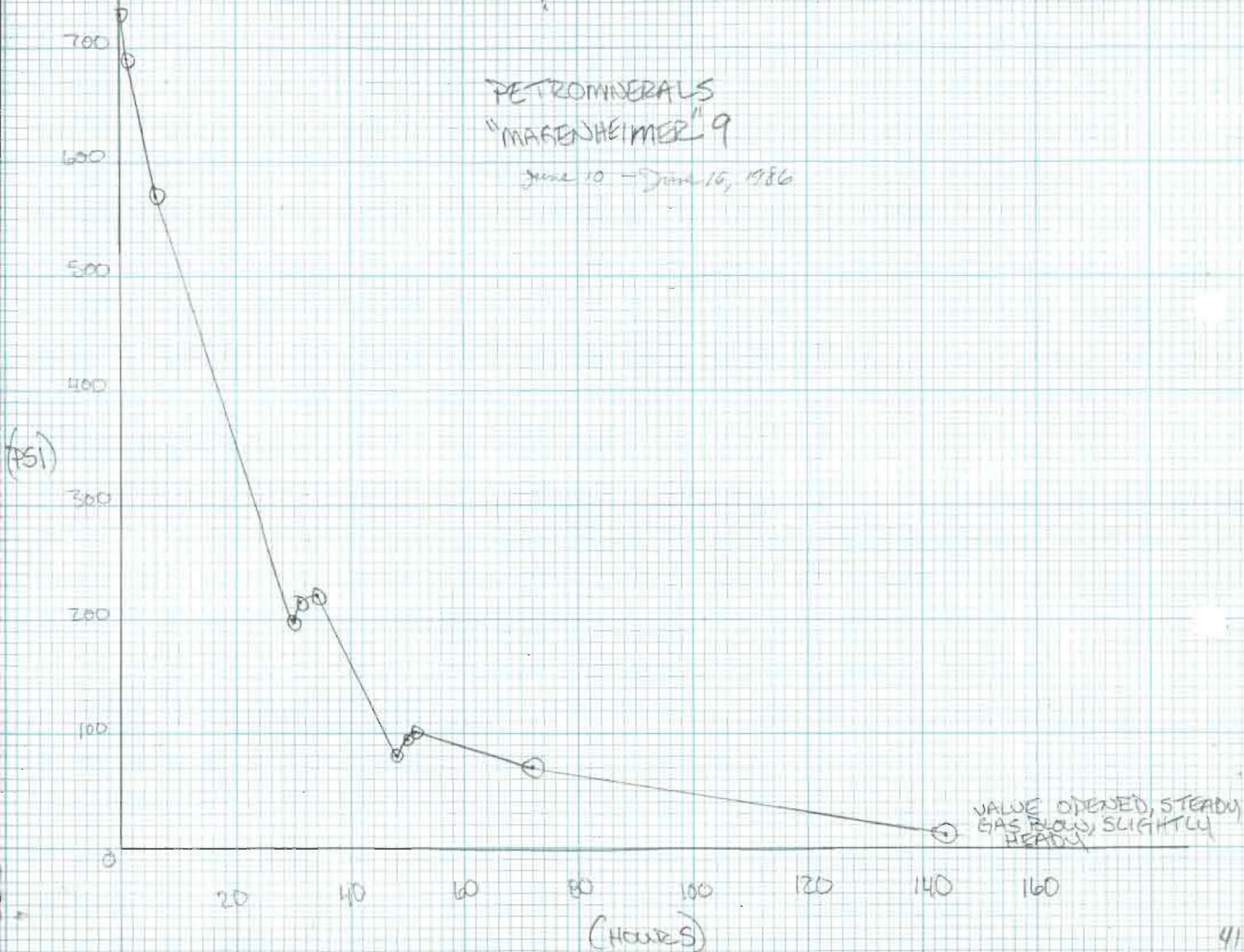
INJECTION SURVEY:

RA/Spinner/Temperature survey run at _____ B/D & _____ psi on _____ 19__,

fluid confined below _____' (Packer depth _____')

PETROMINERALS
"MAGENHEIMER" 9

JUNE 10 - JUNE 15, 1986



PERMIT TO CONDUCT WELL OPERATIONS

(field code)

(area code)

(new pool code)

(old pool code)

Richard C. Russell, Agent

Petrominerals, Corp.

P.O. Box 65

Stanton, CA 90680

WATER DISPOSAL PROJECT

GATO RIDGE AREA

MONTEREY

Santa Maria

May 13, 1986

, California

Reconvert to

Your _____ proposal to water disposal well "Magenheimer" 9

A.P.I. No. 083-00603, Section 8, T. 8N, R. 32W, S. R. B. & M.,

Cat Canyon field, _____ area, _____ pool,

Santa Barbara County, dated 4-5-86, received 5-12-86 has been examined in conjunction with records filed in this office.

THE PROPOSAL IS APPROVED PROVIDED THAT:

1. This well conforms to the provisions set forth in our letter of July 27, 1983, approving the project.
2. Copies of all surveys are filed with this division.
3. THIS DIVISION IS NOTIFIED:
 - a. To witness all injection profile surveys referred to in Item 5 of the above-referenced letter.
 - b. To witness the pressure fall-off survey.

Notes:

1. The base of the freshwater deposits is at 460'. The freshwater deposits are protected by the 8-5/8" casing cemented at 3028' with sufficient cement to fill to the surface.
2. Injected water might also have some waterflood effect.
3. A pressure fall-off survey is due before June 15, 1986, as specified in this Division's letter dated March 4, 1986.

BLANKET BOND

AJK:ks

cc: Project File

Engineer

Update

Engineer Al Koller

Phone (805) 925-2686

M. G. MEFFERD, State Oil and Gas Supervisor

By *[Signature]*
Deputy Supervisor

A copy of this permit and the proposal must be posted at the well site prior to commencing operations.

Records for work done under this permit are due within 60 days after the work has been completed or the operations have been suspended.

DIVISION OF OIL AND GAS

Notice of Intention to Rework Well

This notice and indemnity or cash bond shall be filed, and approval given, before rework begins. If operations have not commenced within one year of receipt of the notice, this notice will be considered cancelled.

FOR DIVISION USE ONLY		
BOND	FORMS	
	OGD 114	OGD 12
<i>Blanket</i>	<i>5-8-84</i>	<i>5-8-84</i>

DIVISION OF OIL AND GAS

In compliance with Section 3203, Division 3, Public Resources Code, notice is hereby given that it is our intention to rework well MAGENHEIMER #9 W.D., API No. 083-001603
(Well designation) GATO RIDGE AREA,
Sec. 8, T. 8N, R. 32W, S. B.B. & M., CAT CANYON Field, SANTA BARBARA County.
The present condition of the well is as follows:

1. Total depth 4203' ✓
2. Complete casing record, including plugs and perforations T.D. 4203'
- 3018' - 8-5/8", 24# CEMENTED WITH 1306 C.F., 3028' TO SURFACE. /, part 2999 ins
1185' - 6-5/8", 26# LINER, 4199' TO 3014', all parts?
2977' - 2972' OF 3-1/2" EUE 8RD TUBING;
4' OF 8-5/8" BAKER AD-1 PACKER;
1' OF 3-1/2" FATIGUE NIPPLE.
3. Present producing zone name MONTEREY; Zone in which well is to be recompleted MONTEREY (MIOCENE)
4. Surface injection pressure 800 PSI; New 800 PSI
5. Last produced OCTOBER 1969 9.2 11.7 0
(Date) (Oil, B/D) (Water, B/D) (Gas, Mcl/D)
- (or)
- Last injected MARCH 1986 1360 --- 800 PSI
(Date) (Water, B/D) (Gas, Mcl/D) (Surface pressure, psig)

The proposed work is as follows:

1. REINSTATE TO ACTIVATE SERVICE, WATER INJECTION WELL MAGENHEIMER #9 WD

DIVISION OF OIL AND GAS
RECEIVED

MAY 12 1986

SANTA MARIA, CA

It is understood that if changes in this plan become necessary, we are to notify you immediately.

Address 12362 BEACH BOULEVARD, STE #9
(Street)
STANTON, CA 90680
(City) (State) (Zip)
Telephone Number 714/895-6370

PETROMINERALS CORPORATION
(Name of Operator)
By R. C. RUSSELL
R. C. Russell (Print Name) 4/5/81
(Signature) (Date)

DIVISION OF OIL AND GAS

(805) 925-2686

Report on Operations

Richard C. Russell, Agent

Petrominerals Corp.

P.O. Box 65

Stanton, CA 90680

Santa Maria

Calif.

May 13, 1986

Your operations at well "Magenheimer" 9, API No. 083-00603,
Sec. 8, T. 8N, R. 32W, S.B. B. & M. Cat Canyon Field, in Santa Barbara County,
were witnessed on 5-5-86 by R. Brunetti, representative of
the supervisor, was present from 1230 to 1415. There were also present R. Muniozguren -
Wireline Technician

Present condition of well: 8-5/8" cem. 3027', perf. 2999' W.S.O.; 6-5/8" ld. 3014'-4199',
perfs. 3014'-4199'. T.D. 4203'.

The operations were performed for the purpose of demonstrating that all of the injection fluid
is entering the intended zone.

DECISION: THE OPERATIONS ARE APPROVED AS INDICATING THAT ALL OF THE INJECTION FLUID
IS CONFINED TO THE FORMATIONS BELOW 3027' AT THIS TIME.

RB:ks

M. G. MEFFERD

K. P. Henderson

K. P. Henderson

DIVISION OF OIL AND GAS

RA Tracer

WATER SHUTOFF TEST

No. T 386-162

Operator Petrominerals Corp.

Well designation "Magenheimer" 9

Sec. 8, T. 8N, R. 32W, SB B.&M.

Field Cat Canyon, County Santa Barbara was tested for water

shutoff on 5/5/86. (Name) R. Brunetti, representative of the supervisor, was

present from 1200 to 1415. Also present were R. Munozguren, Wireline Technician

Casing record of well: 8 5/8" cem. 3027', perf. 2999' WSO; 6 5/8" ID. 3014'-4199', perf. 3014'-4199'. T.D. 4203'.

The operations were performed for the purpose of demonstrating that all of the injection fluid is entering the intended zone.

☐ The _____" shutoff at _____' is approved.

☐ The seal between the _____" and _____" casings is approved.

☒ The operations are approved as indicating that all of the injection fluid is confined to the formations below 3027' at this time.

Hole size: _____" fr. _____' to _____'; _____" to _____'; & _____" to _____'

Casing				Cemented			Top of Fill		Sqd. Away	Final Press	Test psi/min. Perfs.
Size	Wt.	Top	Bottom	Date	MO-Depth	Volume	Annulus	Casing			

Depth or interval tested WSO perf 2999, 8 5/8" shoe 3029', pkr @ 2980'
The hole was open to 4203' for test.

FORMATION TEST:

Packer(s) _____' & _____' Tail _____' Bean size _____" Cushion _____
IHP _____ IFP _____ FFP _____ FHP _____
Blow _____
Open for test _____ Hr. _____ min. Fluid entry _____

BAILING TEST:

The hole fluid was bailed to _____', at _____ on _____ 19____.
The hole fluid was found at _____', at _____ on _____ 19____.
(time)

PRODUCTION TEST:

Gauge/meter reading _____ on _____ 19____, at _____ pump depth _____' Engr. _____
Gauge/meter reading _____ on _____ 19____, at _____ Engr. _____
Fluid level _____' surveyed on _____ 19____, reviewed (witnessed) by _____
Total fluid produced, Bbls. _____ Net oil _____ Water _____
Rate: _____ B/D oil, _____ B/D water, _____ % water cut

INJECTION SURVEY:

RA/Spinner/Temperature survey run at 1861 (observed) B/D & 950 psi on 5/5 1986,
fluid confined below 2999 3027' (Packer depth 2980')

(Found pkr 2980' w CCL this survey. 2987 last survey. 2976' History (mat?)
margin of error acceptable)

Annulus valve open - dead/no blow.

CCL/Temp log down fr 2000' - 89.3°F to slight break @ 3050' ± 90.3°F
(CCL began to affect Temp - prob ^{tool} zero shift only). P.V. @ 4170' - 92.8°.

check shots

4100' - 4105'	54 sec	= 245 B/D
4000' - 4105'	24 sec	= 560 ✓
3900' - 3905'	12 sec	= 1120 ✓
3800' - 09/18	42 sec	= 1344 ✓
3700' - 09/13	42 sec	= 1861 ✓
3600	✓	✓
3500	✓	✓
3400	✓	✓
3300	✓	✓
3200	✓	✓
3100	✓	✓

ran X background 3100 - 2900. Flat.

Tbg drop check 2850' - 2900' 50' - 20 sec = 1912 B/D

stopped @ 2900 & waited 180 sec for top perf/shoe/packer check. No returns of tracer.

Logged down to 3100, very slight traces of tracer below 3025'. Logged up to 2900', very slight tracer below 3040'.
Moving down. (OK) (slight blip @ pkr not seen on log down - ejector leak?)

Tbg drop check 200' - 250' 50' - 20 sec = 1912 B/D

tlg. pkr (OK)

DEPARTMENT OF CONSERVATION

DIVISION OF OIL AND GAS

301 WEST CHURCH STREET, P. O. BOX 227
SANTA MARIA, CALIFORNIA 93456
(805) 925-2686



May 6, 1986

Richard C. Russell, Agent
Petrominerals Corp.
P. O. Box 65
Stanton, CA 90680

Re: "Magenheimer" 9
(083-00603)
Cat Canyon Field

Dear Mr. Russell:

On April 28, 1986, this office notified you that the Division's approval for you to inject into the subject well was terminated. Apparently, you still desire to use this well for water disposal services because you ran an injection profile survey on May 5, 1986.

In order for you to reinstate this well to active water disposal status, you must submit a Notice of Intention to Rework Well (OG107) to this office.

Until this office receives the above-mentioned notice, you will be expected to comply with paragraph two of my letter dated April 28, 1986, directing you to disconnect injection lines. If the Notice has not arrived in this office by May 27, 1986, a Division engineer will inspect the subject well in order to verify that injection has ceased and injection lines have been disconnected.

Yours truly,

K. P. Henderson
Deputy Supervisor

AJK:mjn

75

DEPARTMENT OF CONSERVATION

DIVISION OF OIL AND GAS

301 WEST CHURCH STREET, P. O. BOX 227

SANTA MARIA, CALIFORNIA 93456

(805) 925-2686



April 28, 1986

Richard C. Russell, Jr.
Petrominerals Corp.
P. O. Box 65
Stanton, CA 90680

Subject: Violation of Section
1724.10(j) of the
Calif. Admin. Code

Dear Mr. Russell:

On January 15, 1986 you were informed by letter (copy attached) that an Injection Profile Survey was due for your water disposal well "Magenheimer" 9 in Cat Canyon field. To date, this office has not been contacted to witness the required survey. Therefore, this Division's approval for you to inject into well "Magenheimer" 9 is considered terminated as of this date.

You are hereby ordered to discontinue injection into well "Magenheimer" 9 and to disconnect injection lines to the well within 30 days of the date of this letter. Failure to comply within the time prescribed may result in the imposition of a civil penalty, pursuant to section 3236.5 of the Public Resources Code.

Yours truly,

K. P. Henderson
Deputy Supervisor

KPH:mjn

Attachment

cc: Project Folder
Violations Folder

CERT.-Ret. Rec. Req.

DEPARTMENT OF CONSERVATION

DIVISION OF OIL AND GAS

301 WEST CHURCH STREET, P. O. BOX 227
SANTA MARIA, CALIFORNIA 93456
(805) 925-2686



March 4, 1986

Richard C. Russell, Jr.
Petrominerals Corp.
P.O. Box 65
Stanton, CA 90680

Subj: Water Disposal Project
Cat Canyon Field
Gato Ridge Area
Monterey Zone

Dear Mr. Russell:

On July 27, 1983, this office sent you an approval letter for the subject project. Condition #11 of this letter states, in part, that the injection zone pressure is not to exceed hydrostatic pressure in the general area affected by the project.

The Pressure Fall-off test performed on December 9, 1985, indicated that the zone pressure may not be above hydrostatic pressure. However, the well was backflowed before the test was started.

You are hereby requested to conduct a pressure fall-off survey on well "Magenheimer" 9 before June 15, 1986. Please notify this office when the survey is to be conducted so that a Division inspector may be present to witness the test.

Yours truly,

K. P. Henderson
Deputy Supervisor

SC:ks

DEPARTMENT OF CONSERVATION

DIVISION OF OIL AND GAS

301 WEST CHURCH STREET, P. O. BOX 227

SANTA MARIA, CALIFORNIA 93456

(805) 925-2686



November 6, 1985

Richard C. Russell, Jr.
Petrominerals Corp.
P. O. Box 65
Stanton, CA 90680

Subj: "Magenheimer" 9
Pressure Fall-off
Survey Request

Dear Mr. Russell:

No response has been received to this division's letter dated September 23, 1985
(copy attached).

Please respond without further delay.

Yours truly,

K. P. Henderson
Deputy Supervisor

KPH:mjn
Attachment

cc: Deficiency Folder

PSO started
12-9-85.

DEPARTMENT OF CONSERVATION

DIVISION OF OIL AND GAS

301 WEST CHURCH STREET, P. O. BOX 227

SANTA MARIA, CALIFORNIA 93456

(805) 925-2686



September 23, 1985

Richard C. Russell, Jr.
Petrominerals Corp.
P. O. Box 65
Stanton, CA 90680

Subj: Water Disposal Project
Cat Canyon Field
Gato Ridge Area
Monterey Zone

Dear Mr. Russell:

On July 27, 1983, this office sent you an approval letter for the subject project. Condition #11 of this letter states, in part, that the injection zone pressure is not to exceed hydrostatic pressure in the general area affected by the project.

A step-rate pressure test was conducted for well "Magenheimer" 9 on August 29, 1985. At that time, it was noted by the Division inspector that the shut-in wellhead pressure prior to commencing the test was 530 psig. Therefore, it would appear that the pressure in the injection zone may be above hydrostatic.

You are hereby requested to conduct a pressure fall-off survey on well "Magenheimer" 9. Please notify this office when the survey is to be conducted so that a Division inspector may be present to witness the survey.

Very truly yours,

K. P. Henderson
Deputy Supervisor

KPH:mjn

DIVISION OF OIL AND GAS

Report on Operations

(805) 925-2686

Richard C. Russell, Jr., Agent
Petrominerals Corporation
P. O. Box 65
Stanton, CA 90680

Santa Maria Calif.
September 9, 1985

Your operations at well "Magenheimer" 9, API No. 083-00603,
Sec. 8, T. 8N, R. 32W, SB B. & M. Cat Canyon Field, in Santa Barbara County,
were witnessed on 8-29-85 by S. Christen, representative of
the supervisor, was present from 0840 to 1730. There were also present R. Russell, Jr.,
Engineer

Present condition of well: 8 5/8" cem. 3027', perf. 2999' W.S.O.; 6 5/8" ld. 3014' - 4199',
perf. 3014' - 4199'. T.D. 4203'.

The operations were performed for the purpose of determining the formation fracturing pressure.

DECISION: THE OPERATIONS ARE APPROVED AS INDICATING THAT THE INJECTION PRESSURE MUST
BE MAINTAINED BELOW 1320 PSI AT THIS TIME.

9/9/85
5/28
*These operations were performed at the well away
from Petrominerals. The drilling of
8 5/8" & 6 5/8" was that satisfactory
and using a pressure above
hydrostatics was not as good as some
operations.*
al

SIC:df

M. G. MEFFERD

By

K. P. Henderson

K. P. Henderson

Operator PETROMINERALS CORP.Well designation "MAGENHEIMER" 9 Sec. 8, T. 8N, R. 32W, SB B.&M.Field CAT CANYON, County SANTA BARBARA was tested for water shutoff on 8/29/85. (Name) S.I. CHRISTEN; representative of the supervisor, was present from 0840 to 1730. Also present were R. RUSSELL JR. ENGINEERCasing record of well: 8 5/8" LCM 3027' PERF. 2599' W30; 6 5/8" 16 3014'-4199'
PERF. 3014'-4199' T.D. 4203.The operations were performed for the purpose of DETERMINING THE FORMATION FRACTURING PRESSURE.☐ The _____" shutoff at _____' is approved.☐ The seal between the _____" and _____" casings is approved.☒ The operations are approved as indicating that all of the injection fluid is confined to the formations below 1320psi at this time.MAINTAINED

Hole size: _____" fr. _____' to _____'; _____" to _____'; & _____" to _____'

Casing				Cemented			Top of Fill		Sqd. Away	Final Press	Test psi/min. Perfs.
Size	Wt.	Top	Bottom	Date	MO-Depth	Volume	Annulus	Casing			

Depth or interval tested _____

The hole was open to _____' for test.

FORMATION TEST:

Packer(s) _____' & _____' Tail _____' Bean size _____" Cushion _____

IHP _____ IFF _____ FFP _____ FHP _____

Blow _____

Open for test _____ Hr. _____ min. Fluid entry _____

BAILING TEST:

The hole fluid was bailed to _____', at _____ on _____ 19__.

The hole fluid was found at _____', at _____ on _____ 19__.

(time)

PRODUCTION TEST:

Gauge/meter reading _____ on _____ 19__, at _____ pump depth _____' Engr. _____

Gauge/meter reading _____ on _____ 19__, at _____ Engr. _____

Fluid level _____' surveyed on _____ 19__, reviewed (witnessed) by _____

Total fluid produced, Bbls. _____ Net oil _____ Water _____

Rate: _____ B/D oil, _____ B/D water, _____ % water cut

INJECTION SURVEY:

RA/Spinner/Temperature survey run at _____ B/D & _____ psi on _____ 19__, fluid confined below _____' (Packer depth _____')

(1800)
(1700)
(1600)
(1500)
(1400)
(1300)
(1200)
(1100)
(1000)
(900)
(800)
(700)
(600)
(500)

STEP-RATE
PETROMINERALS
"MAGENHEIMER" 9

PETROMINERALS: R. RUSSELL JR.
CDOG: S. L. CHRISTEN

15 MIN

9/3/85
Here:
Even points plotted
when friction is subtracted
cause a curve going
opposite what would
be expected. Very
strange to say the
least. Could they have spotted the
wrong taking up?? or

0 .5 1.0 1.5 2.0 2.5 3.0 3.5 4.0 4.5 5.0 5.5 6.0

1133 @ 630

330

27

DIVISION OF OIL AND GAS

Report on Operations

(805) 925-2686

Richard C. Russell, Jr.
Petrominerals Corporation
P. O. Box 65
Stanton, CA 90680

Santa Maria Calif.
January 29, 1985

Your operations at well "Magenheimer" 9, API No. 083-00603,
Sec. 8, T8N, R.32W, SB B. & M. Cat Canyon Field, in Santa Barbara County,
were witnessed on 1-11-85 P. Truocchio, representative of
the supervisor, was present from 1300 to 1630. There were also present B. Macias -
Wireline Engineer
Present condition of well: 8 5/8" cem. 3027', perf. 2999' W.S.O.; 6 5/8" ld. 3014' - 4199',
perf. 3014' - 4199'. T.D. 4203'.

The operations were performed for the purpose of demonstrating that all of the injection fluid
is entering the intended zone.

DECISION: THE OPERATIONS ARE APPROVED AS INDICATING THAT ALL OF THE INJECTION FLUID
IS CONFINED TO THE FORMATIONS BELOW 3027' AT THIS TIME.

PAT:df

OG109(12-80-15M)

M. G. MEFFERD
State Oil and Gas Supervisor
By *K. P. Henderson*
Deputy Supervisor
K. P. Henderson

DIVISION OF OIL AND GAS
WATER SHUTOFF TEST

No. T 385-24

Operator Petrominerals Corp.

Well designation Madgenheimer " 9 Sec. 8, T. 8N, R. 32W, SB B.&M.

Field Cat Canyon, County Santa Barbara was tested for water shutoff on 1-11-85. (Name) P. Trucchin, representative of the supervisor, was present from 1300 to 1630. Also present were B. Macias,
Wireline Engineer

Casing record of well: 8 5/8" c.m. 3027', perf. 2999' W.S.O.; 6 5/8" I.d. 3014' - 4199', perf. 3014' - 4199'. T.D. 4203'.

The operations were performed for the purpose of demonstrating that all of the injection fluid is entering the intended zone.

- ☐ The _____" shutoff at _____' is approved.
- ☐ The seal between the _____" and _____" casings is approved.
- ☒ The operations are approved as indicating that all of the injection fluid is confined to the formations below 3014' at this time.

Hole size: _____" fr. _____' to _____'; _____" to _____'; & _____" to _____'

Casing				Cemented		Top of Fill		Sqd. Away	Final Press	Test psi/min. Perfs.
Size	Wt.	Top	Bottom	Date	MO-Depth	Volume	Annulus	Casing		

Depth or interval tested 2950' - 3014' - 3050'

The hole was open to 4195' for test.

FORMATION TEST:

Packer(s) _____' & _____' Tail _____' Bean size _____" Cushion _____

IHP _____ IFP _____ FFP _____ FHP _____

Blow _____

Open for test _____ Hr. _____ min. Fluid entry _____

BAILING TEST:

The hole fluid was bailed to _____', at _____ on _____ 19__.

The hole fluid was found at _____', at _____ on _____ 19__.

(time)

PRODUCTION TEST:

Gauge/meter reading _____ on _____ 19__, at _____ pump depth _____' Engr. _____

Gauge/meter reading _____ on _____ 19__, at _____ Engr. _____

Fluid level _____' surveyed on _____ 19__, reviewed (witnessed) by _____

Total fluid produced, Bbls. _____ Net oil _____ Water _____

Rate: _____ B/D oil, _____ B/D water, _____ % water cut

INJECTION SURVEY:

RA/Spinner/Temperature survey run at 1150 B/D metered 648 B/D & 640 psi on 1-11-1985

fluid confined below 3027' - 3014' (Packer depth 2987') Tag tail

perf 3014' - 4199' Pickup 4174'

8 5/8" c. 3027' 6 5/8" 3014' - 4199'

Temp:
ok

Profile:

shot out @	4150'	Ø	B/D	4025'	266	B/D
	4125'	112	B/D	4000'	395	✓
	4100'	208	B/D	3975'	395	✓
	4075'	245	B/D	3950'	437	✓
	4050'	204	B/D	3925'	490	✓
	3900'	490	B/D	3775'	721	B/D
	3875'	533	B/D	3750'	681	B/D
	3850'	612	B/D	3725'	721	B/D
	3825'	721	B/D	3700'	681	B/D
	3800'	681	B/D	3675'	681	B/D
				3650'	817	B/D
	3625'	721	B/D	3475'	721	B/D
	3600'	681	B/D	3450'	721	B/D
	3575'	721	B/D	3425'	721	B/D
	3550'	721	B/D	3400'	681	B/D
	3525'	721	B/D	3375'	721	B/D
	3500'	721	B/D	3350'	721	B/D
				3325'	681	B/D
				3300'	681	B/D
	3275'	681	B/D			
	3250'	645	B/D	3075'	533	B/D
	3225'	612	B/D	3050'	533	B/D
	3200'	583	B/D			
	3175'	583	B/D			
	3150'	557	B/D			
	3125'	583	B/D			
	3100'	471	B/D			

Top Perf & Packer Check:

shot @ 2950

wait 5 mins

log dwn 2950' - 3050'
log dwn 2950' - 3050'
log dwn 2950' - 3050'
log dwn 2950' - 3050'

peak @ 3048

peak below 3050'

No leaks.
No upward migration.

Tag Drop Check:

(Rates had dropped*)

2900' - 2950'
508' - 550'

637 B/D
648 B/D

No holes in tag - ok

DEPARTMENT OF CONSERVATION

DIVISION OF OIL AND GAS

301 WEST CHURCH STREET, P.O. BOX 227

SANTA MARIA, CALIFORNIA 93456

(805) 925-2686



December 13, 1984

Richard C. Russell, Agent
Petrominerals Corporation
P. O. Box 65
Stanton, CA 90680

Failure to Run Required Surveys

Dear Mr. Russell:

On August 17, 1984 you were informed by letter, copy attached, that an injection profile survey was due for your water disposal well "Magenheimer" 9 (083-00603) in Cat Canyon field. The requirement for such survey was specified in paragraph 5 of this Division's letter dated July 27, 1983, approving your water disposal project. To date, this office has not been contacted to witness the required survey.

In order to verify the status of the well, an engineer from this office inspected the well and wellsite on December 10, 1984. He observed that the well was on injection at the time. Therefore, you have not complied with the requirements of the project approval letter or the letter of August 17, 1984.

The Division's approval for you to inject into well "Magenheimer" 9 will be considered rescinded on January 14, 1985 unless you have run the required survey and the survey has been witnessed and approved, in writing, by an engineer from this office. Upon rescission of approval to inject, you must immediately disconnect the injection lines to the well.

This matter should receive your immediate attention.

Very truly yours,

Adelbert Koller for

K. P. Henderson
Deputy Supervisor

KPH:df

Attachment

cc: Deficiencies and Violations

Certified-Return Receipt Requested

*Survey run
1-11-85.*

KJH

DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

11 WEST CHURCH STREET, P.O. BOX 227
LA HABRA, CALIFORNIA 91736
(615) 925-7686



August 17, 1984

Richard C. Russell, Jr.
Petrominerals Corp.
P. O. Box 65
Stanton, CA 90680

Dear Mr. Russell:

The following injection wells are now or will soon be due for radioactive tracer and spinner or static temperature surveys. Will you please arrange to have the surveys run as soon as possible; a copy shall be sent to this office.

Field	Well Designation	Frequency of survey		Date of last survey	D.O.G. to witness survey	
		1 yr.	6 Mos.		yes	no
Cat Canyon	"Field Fee" 3		X	12/28/82	X	
	"Magenheimer" 9	X		12/28/82	X	

NOTE: If the injection profile survey is not completed within 90 days from the date of this letter, injection into any such well shall be discontinued.

Albert Henderson
A. P. Henderson
Deputy Supervisor

DIVISION OF OIL AND GAS
CHECK _____ - RECORDS RECEIVED AND WELL STATUS

Company Petrominerals Corporation Well No. "Magenheimer" 9
API No. 083-00603 Sec. 8, T. 8N, R. 32W, S.B. B.&M.
County Santa Barbara Field Cat Canyon

<u>RECORDS RECEIVED</u>	<u>DATE</u>
Well Summary (Form OGI00)	
History (Form OGI03)	<u>3-8-84</u>
Core Record (Form OGI01)	
Directional Survey	
Sidewall Samples	
Other	
Date final records received	
Electric logs:	

<u>STATUS</u>	<u>STATUS</u>
Producing - Oil	Water Disposal <input checked="" type="checkbox"/>
Idle - Oil	Water Flood
Abandoned - Oil	Steam Flood
Drilling - Idle	Fire Flood
Abandoned - Dry Hole	Air Injection
Producing - Gas	Gas Injection
Idle - Gas	CO ₂ Injection
Abandoned - Gas	LPG Injection
Gas-Open to Oil Zone	Observation
Water Flood Source	
DATE	
RECOMPLETED	
REMARKS	

ENGINEER'S CHECK LIST

1. Summary, History, & Core record (dupl.) ☒
2. Electric Log ☒
3. Operator's Name ☒
4. Signature ☒
5. Well Designation ☒
6. Location ☒
7. Elevation ☒
8. Notices ☒
9. "T" Reports ☒
10. Casing Record ☒
11. Plugs ☒
12. Surface Inspection ☒
13. Production ☒
14. E Well on Prod. Dir. Sur. ☒

CLERICAL CHECK LIST

1. Location change (F-OGD165)
2. Elevation change (F-OGD165)
3. Form OGD121
4. Form OGI59 (Final Letter)
5. Form OGD150b (Release of Bond)
6. Duplicate logs to archives
7. Notice of Records due (F-OGD170)

RECORDS NOT APPROVED

Reason: _____

RECORDS APPROVED ✓ SF

RELEASE BOND

Date Eligible _____

(Use date last needed records were received.)

MAP AND MAP BOOK ✓ 310

SUBMIT IN DUPLICATE
RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

20981-705 2-75 10M (2) OSP

DIVISION OF OIL AND GAS
RECEIVED

MAR 8 1984

San Mateo, California

History of Oil or Gas Well

OPERATOR Petrominerals Corporation FIELD Cat Canyon/Gato Ridge

Well No. Magenheimer #9, Sec. 08, T. 08N, R. 32W, S.B. B. & M.

Date March 5, 19 84

Signed

Richard C. Russell

1538 N. Century Blvd. Santa Ana (Address) (Telephone Number) 714) 554-7800 Title Vice President (President, Secretary or Agent)

History must be complete in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests and initial production data.

Date

PREVIOUS CONDITION

All measurements are from 10' KB.

T.D. 4203'

3018' - 8 5/8", 24# cemented w/1306 c.f., 3028' to surface.

1185' - 6 3/8", 26# liner, 4199' to 3014'

10-20-83

Moved in and rigged up. Unlanded well head. Picked up and measured 100 joints of 3 1/2" EUE tubing (drifted tbg.). Tagged top of liner hanger @ 3014' w/8 5/8" positive scrapper. Scrapped 8 5/8" casing. POH w/scrapper and laid down equipment. Made up and RIH w/8 5/8" Baker AD-1 tension packer. Set packer @ 2976'. Landed tubing w/15,000# tension. Hooked up flow lines. Commenced injection @ 400 psi on 10-21-83.

PRESENT CONDITION

T.D. 4203'

3018' - 8 5/8", 24# cemented w/1306 c.f., 3028' to surface.

1185' - 6 3/8", 26# liner, 4199' to 3014'.

2977' - 2972' of 3 1/2" EUE 8rd tubing;

4' - 8 5/8" Baker AD-1 packer;

1' - 3 1/2" fatigue nipple.

COMPLETION DETAIL

MEASUREMENTS CORRECTED TO

K.B. ELEVATION: 10 of IN., LB.
CONDUCTOR CEMENTED TO SURFACE #, K-55, LT&C
CEMENTED TO SURFACE

LINER DETAIL

4' Lead Seal Adapter &
Port Collar at / 10' Blank / 1185' PERF'D: 14R, 180M x
2" x 6"C3014 / 4199' PERF'D: 24R, 60M x
2" x 6"C
w/spade & baffleCentralizers at TOP OF LINER AT 3014

SEPT 24, 1966

6 5/8" , 26 #, K-55, LT&C1185'

3" TUBING .3930'

LINER LANDED AT 4199NO: MASENHEIMER #9SPUDDED: 12/3/65 4PMCOMPLETED: 12/14/65ZONE: MONTEREY

OIL SANDS COMPLETED IN:

' to ' to ' to 12 1/4" HOLE8 5/8" , 24 #, K-55, LT&C
CASING CEMENTED AT 302730287 7/8" HOLEBAREFOOT
COMPLETION
IN DEC '65T.D. 4203
PBTD.

(805) 925-2686

WATER DISPOSAL PROJECT
CAT CANYON FIELD
GATO RIDGE AREA
MONTEREY ZONE

Santa Maria, California
July 28, 1983

NOTE: 3 5/8" perf. 2999' W.S.O. (K.B.)

DECISION: THE PROPOSAL IS APPROVED PROVIDED THAT:

1. The general requirements established in letter dated July 27, 1983 approving the project shall be made part of this report.
2. Copies of all surveys shall be filed with this division.
3. A step-rate pressure test shall be conducted prior to sustained injection above 755 psi plus friction flow losses.
4. Injection shall be through tubing on packer set immediately above the zone of injection.
5. THIS DIVISION SHALL BE NOTIFIED TO WITNESS all injection-profile surveys referred to in Item 5 of above letter, the first within 3 months after injection has started.
6. THIS DIVISION SHALL BE NOTIFIED TO WITNESS the step rate test if one is determined necessary.

1. An examination of the electric log indicates that the base of freshwater is at 450' at this location. The freshwater will be protected by 8 5/8" casing cemented from its shoe to the surface.
2. The water to be injected tests 6934 ppm TDS and is produced from neighboring oil wells.
3. Injection will be into the Monterey zone. Strata in the injection interval contain oil and salt water.
4. Approximate surface location of well: From NE cor Sec. 8, 1400S 850W.
5. Injected water might also have some waterflood affect.

AJK:dv 310
BLANKET BOND
cc: Water Quality Control Board

SEMON CORDOVA, Acting
M. G. MEPPEND, State Oil and Gas Supervisor

by K. P. Harde
Deputy Supervisor

A copy of this report and the proposal must be posted at the well site prior to commencing operations.

Records for work done under this permit are due within 60 days after the work has been completed or the operations have been suspended.

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

DIVISION OF OIL AND GAS

Notice of Intention to Rework Well

This notice and indemnity or cash bond shall be filed, and approval given, before rework begins. If operations have not commenced within one year of receipt of the notice, this notice will be considered cancelled.

DIVISION OF OIL AND GAS
RECEIVED

APR 22 1983

Santa Maria, California

FOR DIVISION USE ONLY		
BOND	FORMS	
	OGD 114	OGD 121
Blanket		4-22-83 mjn

DIVISION OF OIL AND GAS

In compliance with Section 3203, Division 3, Public Resources Code, notice is hereby given that it is our intention to rework well Convert Magenheimer #9 to Wastewater, API No. 083-00603
Disposal Well, Magenheimer #9 WD
Sec. 8, T. 8N, R. 32W, S.B. & M., Cat Canyon/Gato Ridge Field, Santa Barbara County.
The present condition of the well is as follows:

- Total depth 4193' (mat.)
- Complete casing record, including plugs and perforations
3018' - 8-5/8" 24# Cemented w/1306 C.F., Surface 3018' (mat), perf. 2959' w/50' (mat)
1185' - 6-3/8" 26# Liner 3004'/4189' (mat) all perfs.

- Present producing zone name Santa Margarita Monterey; Zone in which well is to be recompleted Santa Margarita Monterey
- Present zone pressure 1200 PSI; New zone pressure 1950 PSI
- Last produced October 1969 9.2 11.7 0
(Date) (Oil, B/D) (Water, B/D) (Gas, Mcl/D)
(or)
Last injected March 1983 925 0 750 PSI
(Date) (Water, B/D) (Gas, Mcl/D) (Surface pressure, psig)

(All Measurements Refer to K.B. 10' Above Mat)

The proposed work is as follows: The intention of this rework program is to convert Magenheimer #9 to a permanent wastewater disposal well.

Procedure:

- Run in well with 2-7/8" tubing and complete well with production packer located @ 3000'. (Approximately 14' above the liner hanger @ 3014').
- Treat casing-tubing annulus with corrosion inhibitor and oxygen scavenger.
- Return well to injection.

It is understood that if changes in this plan become necessary, we are to notify you immediately.

Address 1538 N. Century Boulevard
(Street)
Santa Ana, CA 92703
(City) (State) (Zip)
Telephone Number 714/554-7800

Petrominerals Corporation
(Name of Operator)
By Richard C. Russell
(Print Name)
Richard C. Russell 4/1/83
(Signature) (Date)

8 5/8"

WSO 2999'

3014'
3027'

PKr @ 3000 (proposed)

3014'

6 5/8"

4199'

4199'

4203'
TD

Memorandum

To : Alex Alexander
EDP Unit

Date : July 29, 1983

Subject: Injectivity Test
Cat Canyon Field
Gato Ridge Area
Monterey Zone

From : Department of Conservation—
Division of Oil and Gas

Place: Santa Maria

Permission was granted on August 26, 1982 for Petrominerals Corporation to conduct an injectivity test in well "Magenheimer" 9. The injectivity test was successful and the operator has been granted approval for a new project.

We would like to enter past and future data in the EDP system. Please add the data (110's attached) to the well type, field, area and pool codes that was submitted by Mary Jane on July 29, 1983.

The data for 1982 will have to be added to the historical data in the statistics since the 1982 injection file has been closed.



for Adelbert J. Koller
Associate Oil and Gas Engineer

AJK:dv
Attachment

DEPARTMENT OF CONSERVATION

DIVISION OF OIL AND GAS

301 WEST CHURCH STREET, P. O. BOX 227

SANTA MARIA, CALIFORNIA 93456

(805) 925-2686



April 15, 1983

Richard C. Russell, Jr., Agent
Petrominerals Corp.
1538 N. Century Blvd.
Santa Ana, CA 92703

Injectivity Test
Well No. "Magenheimer" 9
Sec. 8, T.8N., R.32W., S.B.B.&M.
Cat Canyon Field
Gato Ridge Area
Monterey Zone

As the 90-day testing period granted in letter dated August 26, 1982 has expired, approval to inject water into the above-captioned well is hereby rescinded effective April 30, 1983. Injection lines to the well are to be disconnected and the division is to be notified to that effect so that the completed work may be witnessed.

This is an order pursuant to Section 3224 of the Public Resources Code, copy attached.

John L. Zulberti
Deputy Supervisor

JLZ:mjn
Encl.

2
DOCUMENT NO.
82114 1500506

ORIGINAL

(Original copy must be filed each month. Failure to file is a misdemeanor, Sec. 32²⁶ Public Resources Code.)

YEAR

19 82

OPERATOR PETROMINERALS CORPORATION 1538 N CENTURY BLVD SANTA ANA CA		FOR DIVISION USE ONLY P2900										DOCUMENT NO. 821041500498	
		FIELD 92703										COUNTY 128-	
LINE NO	OPERATOR WELL NUMBER	WELL TYPE	API WELL NUMBER	PWCD	WATER OR STEAM INJECTED (bbl)	GAS OR AIR INJECTED (Mcft)	NO OF DAYS WELL INJECTED	SURFACE INJECTION PRESSURE	SOURCE OF WATER	KIND OF WATER	REASON WELL NOT INJECT	Do not use this space	
OLIVERA CANYON AREA ; SEC-T-R: 18-09N-32W; LEASE: WILLIAMS HOLDING POOL: SISQUOC 17-18 OG 08321388 1029 9288 0 29 900 1												DIVISION OF OIL AND GAS DIVISION OF OIL AND GAS JUN 1 1982 Santa Maria, California	
CAT CANYON AREA ; SEC-T-R: 31-09N-32W; LEASE: FIELD FEE POOL: BROOKS 3 OG 08300286 0028 4085 0 23 50 1													
GATO RIDGE AREA ; SEC-T-R: 08-08N-32W; LEASE: MAGENHEIMER POOL: NO BREAKDOWN 9 OG 08300603 0023 17249 0 30 530 1													
(TEST DATA FOR TRIAL WATER DISPOSAL WELLS) DOG - SANTA MARIA ONLY													

DIVISION OF OIL AND GAS

See back for well type, source of water, kind of water, and reason well not injecting codes.

(Original copy must be filed each month. Failure to file is a misdemeanor. Sec. 3236, Public Resources Code.)

ORIGINAL

DEPARTMENT OF CONSERVATION

DIVISION OF OIL AND GAS

301 WEST CHURCH STREET, P.O. BOX 227

SANTA MARIA, CALIFORNIA 93456

(805) 925-2686



August 26, 1982

Richard C. Russell, Jr., Agent
Petrominerals Corporation
1538 N. Century Blvd.
Santa Ana, CA 92703

Injectivity Tests
Cat Canyon Field
Monterey Zone

In response to your request dated August 19, 1982, approval is hereby granted to conduct injectivity tests in the Monterey zone in well "Magenheimer" 9 (083-00603), Sec. 8, T.8N, R.32W, S.B.8&M. The testing period shall not exceed 90 cumulative days and surface injection pressures shall not exceed 770 psig, plus friction flow losses.

Injection rates and pressures shall be reported monthly on our form 110B, a supply of which is attached. These forms should be sent to this district office and should not be included in your regular monthly 110B report sent to our Sacramento office.

If you have any questions concerning the testing or reporting procedures, please contact the undersigned.

John L. Zulberti
Deputy Supervisor

AJK:dv
Attachment

Russell / Kolben 2/2/83

Will need notice to consent to WD
and permit data. Incons that were
taken will be submitted to D.O.G.
90 days are up.

DIVISION OF OIL AND GAS

Notice of Intention to Rework Well

This notice and indemnity or cash bond shall be filed, and approval given, before rework begins. If operations have not commenced within one year of receipt of the notice, this notice will be considered cancelled.

DIVISION OF OIL AND GAS
RECEIVED

AUG 25 1982

Santa Maria, California

*This notice was
treated as a letter.*

FOR DIVISION USE ONLY		
BOND	FORMS	
	OGD 114	OGD 121
<i>Blanket</i>		<i>8-25-82</i>

DIVISION OF OIL AND GAS

In compliance with Section 3203, Division 3, Public Resources Code, notice is hereby given that it is our intention to rework well Magenheimer No. 9, API No. 08300603,
(Well designation)
Sec 08, T.08N, R.32W, S.B. & M., Cat Canyon Field, Santa Barbara County.
The present condition of the well is as follows:

1. Total depth

4193' (mat)

2. Complete casing record, including plugs and perforations

3018' - 8-5/8" - 24#/FT Cemented w/1306CF, Surface/3018' (mat)

1185' - 6-5/8" - 26#/FT Liner 3004'/4189', Perf'd 3014'/4199' (KB) ✓
14R, 180M x 2 x 6"C

Santa Margarita?

Santa Margarita?

3. Present producing zone name Monterey; Zone in which well is to be recompleted Monterey4. Present zone pressure 1200 PSI ±; New zone pressure 2400 PSI ±5. Last produced Oct 1969 9.2 11.7 0
(Date) (Oil, B/D) (Water, B/D) (Gas, Mcl/D) ✓

(or)

Last injected _____
(Date) (Water, B/D) (Gas, Mcl/D) (Surface pressure, psig)

The proposed work is as follows:

(Trial Injectivity Test)

It is proposed to conduct a trial injectivity test on Petrominerals' Magenheimer No. 9 well for the purpose of evaluating this well as a lease wastewater disposal well. If satisfactory injectivity can be established, full application will be made to convert this well to a water disposal well.

Answered by letter

It is understood that if changes in this plan become necessary, we are to notify you immediately.

Address 1538 N. Century Blvd.

(Street)

Petrominerals Corporation

(Name of Operator)

Santa Ana, Ca. 92703

(City)

(State)

(Zip)

By Paul L. Howard

(Print Name)

Telephone Number 714/554-7800

Paul L. Howard
(Signature) (Date) 8-19-82

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

REPORT OF PROPERTY AND WELL TRANSFER

Field or County Cat Canyon

District 3

Former Owner: Lipkin & Devine

Date January 12, 1977

Description of Property

List of Wells

Sec. 4, T. 8N., R 32 W., S.B.B.&M.

"Magenheimer" 5 (083-01154)

"Magenheimer" 20 (083-20113)

Sec. 5, T. 8N., R 32 W., S.B.B.&M.

"Magenheimer" 3 (083-01222)

"Magenheimer" 6 (083-01224)

"Magenheimer" 8 (083-00604)

"Magenheimer" 10 (083-00602)

"Magenheimer" 11 (083-20016)

Sec. 8, T. 8N., R. 32W., S.B.B.&M

"Magenheimer" 1 (083-01221)

"Magenheimer" 9 (083-00603)

Sec. 9, T.8N., R. 32W., S.B.B.&M.

"Magenheimer" 21 (083-20150)

"Magenheimer" 22 (083-20228)

Date of Transfer November 1, 1976

New Owner: Berwood Coproration

Address: 224 - One Bala Cynwyd Plaza

Bala Cynwyd, Pa 19004

Telephone No. (215) 839-0155)

Type of Organization Corporation

Reported by: Lipkin & Devine

Confirmed by: Berwood Corp.

New Operator New Status PA

, Old Operator New Status Ab

Request Designation of Agent

Remarks:

JLZ:mjn

cc: Conservation Committee

	INITIALS	DATE
Form 121		
New Well Cards		
Well Records		
Electric Logs		
Production Reports		
Map and Book		
Form 148		
Notice to be cancelled		
Bond status		


Deputy Supervisor

LEGEND
PA—Producing Active
NPA—Non Potential Active
PI—Potential Inactive
NPI—Non Potential Inactive
Ab—Abandoned or No More Wells

RECORDS RECEIVED

Date Received 7-6-67
 Well Summary (Form 100) x
 History (Form 103) x
 Core Record (Form 101) x
 Elec. Log - Lge. Small x
 Direct. Survey _____
 Sidewall Samples _____
 Other _____

Notice of Records Due
 Form 170 _____

Date Final Records Received _____

ENGINEER'S CHECK LIST

1. Summary, History, & Core record (dupl.) _____
2. Electric Log _____
3. Operator's Name _____
4. Signature _____
5. Well Designation _____
6. Location _____
7. Elevation _____
8. Notices _____
9. "T" Reports _____
10. Casing Record _____
11. Plugs _____
12. Surface Inspection _____
13. Production _____

RECORDS NOT APPROVED

Reason: _____

RECORDS APPROVED EPJ

RELEASE BOND

Date Eligible _____
 (Use date last needed records were received.)

MAP & MAP BOOK EPJ

FORM 19

STATUSDATE

Producing - Oil 9/23/66
 Idle - Oil _____
 Abandoned - Oil _____
 Drilling - Idle _____
 Abandoned - Dry Hole _____
 Producing - Gas _____
 Idle - Gas _____
 Abandoned - Gas _____
 Gas - Open to Oil Zone _____
 Water Flood Source _____
 Water Disposal _____
 Water Flood _____
 Steam Flood _____
 Fire Flood _____
 Air Injection _____
 Gas Injection _____
 CO₂ Injection _____
 LPG Injection _____
 Observation _____

RECOMPLETED _____

CLERICAL CHECK LIST

1. Location change (F-165) _____
2. Elevation change (F-165) _____
3. Form 121 _____
4. Form 159 (Final Letter) _____
5. Form 150b (Release of Bond) _____

Lipkin & Devine
 "Magenheimer" 9
 (083-00603)

Production history

1965

Oil water Days

Dec. 100

7

1967

March 75

15

April 50

60

15

May 25

50

5

Oct 100

50

10

Nov. 90

30

30

Dec. 100

30

30

Sec 100

DIVISION OF OIL AND GAS

WELL SUMMARY REPORT

SANTA MARIA, CALIFORNIA

SUBMIT IN DUPLICATE

Operator Lipkin & Devine Well No. Magenheimer No. 9
Sec. 8, T. 8N, R. 32W, S. SB B. & M. Gato Ridge Cat Canyon Field Santa Barbara County.

Location From point R.C.LA-3, 2854.45' North 84° 12' West to a point, thence 2300' South to a point, thence 450' East at 90°
(Give location from property or section corner, or street center lines)

Elevation of ground above sea level 1190' feet.
All depth measurements taken from top of Kelly Bushing which is 10 feet above ground.
(Derrick Floor, Rotary Table or Kelly Bushing)

In compliance with Sec. 3215, of the Public Resources Code, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

Date June 9, 1967

Signed [Signature]

Clyde Cambell
(Engineer or Geologist)

B.H. Richards
(Superintendent)

Title Partner
(President, Secretary or Agent)

Commenced drilling	December 3, 1965	GEOLOGICAL MARKERS	DEPTH
Completed drilling	December 14, 1965	Top Sisquoc	458'
Total depth	4203	Top Monterey	3011'
Plugged depth			
Junk			

Commenced producing 9/25/66 Flowing/gas lift/pumping Name of producing zone
(Date) (Cross out unnecessary words)

	Clean Oil bbl. per day	Gravity Clean Oil	Per Cent Water including emulsion	Gas Mcf. per day	Tubing Pressure	Casing Pressure
Initial production	10	11	95%			
Production after 30 days	15	11	90%			

CASING RECORD (Present Hole)

Size of Casing (A. P. I.)	Depth of Shoe	Top of Casing	Weight of Casing	New or Second Hand	Seamless or Lapweld	Grade of Casing	Size of Hole Drilled	Number of Sacks of Cement	Depth of Cementing if through perforations
8 5/8	3027	0	24 & 32#	New & Used	Smls	?	14 1/4	1306 ft ³	
6 7/8"	4199	3014							

PERFORATED CASING

(Size, top, bottom, perforated intervals, size and spacing of perforation and method.)

1185' - 6 5/8" H 3014-4199 180M-14R-2"S-6"C

Was the well directionally drilled? No Electrical Log Depths 30 - 3036 (Attach Copy of Log) 7